

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

## PATENT APPLICATION

INVENTOR(S) Jill M. Boyce, Haitao Zheng

CASE Boyce 6-2  
SERIAL NO. 09/668,242

FILED September 22, 2000

TITLE

COMPLETE USER DATAGRAM PROTOCOL (CUDP) FOR WIRELESS  
MULTIMEDIA PACKET NETWORKS USING IMPROVED PACKET  
LEVEL FORWARD ERROR CORRECTION (FEC) CODING

"Express Mail" Label No.: EL659922712US

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated below and is addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231

Date of Deposit: January 5, 2000

Signature: Kevin M. MasonTRANSMITTAL OF MISSING PARTSAssistant Commissioner for Patents  
Washington, D.C. 20231

Box Missing Parts

SIR:

In response to the Notice to File Missing Parts, dated November 3, 2000, Applicants submit herewith the following documents to complete the above-referenced patent application:

- (1) Declaration and Power of Attorney;
- (2) Assignment with Recordation Cover Sheet; and
- (3) Petition for Extension of Time.

A copy of the Notice is enclosed herewith. Please charge **Lucent Technologies Deposit Account No. 12-2325** the amount of \$130.00, to cover the surcharge under 37 CFR §1.16(e). *Duplicate copies of this letter are enclosed.* In the event of non-payment or improper payment of a required fee, the Commissioner is authorized to charge or to credit **Deposit Account No. 12-2325** as required to correct the error.

Respectfully,

Kevin M. Mason

Date: January 5, 2001

Kevin M. Mason  
Reg. No. 36,597  
Attorney for Applicant(s)Mailing Address:  
Ryan, Mason & Lewis, LLP  
1300 Post Road, Suite 205  
Fairfield, CT 06430  
TEL: (203) 255-6560  
FAX: (203) 255-6570

RECEIVED  
OCT 30 2002  
Technology Center 2600

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Boyce 6-2

## Patent Application

Applicant(s): Jill M. Boyce, Haitao Zheng  
Case: Boyce 6-2  
Serial No.: 09/668,242  
Filing Date: September 22, 2000  
Group: 2664  
Title: Complete User Datagram Protocol (CUDP) for Wireless Multimedia Packet Networks Using Improved Packet Level Forward Error Correction (FEC) Coding

I hereby certify that this paper is being deposited on this date with the U.S. Postal Service as first class mail addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231  
Signature: *ind M. Shuchter* Date: May 1, 2001

REQUEST FOR CORRECTED FILING RECEIPT

Assistant Commissioner for Patents  
Office of Initial Patent Examination  
Customer Service Center  
Washington, D.C. 20231

RECEIVED

OCT 30 2002

Technology Center 2600

Sir:

Please issue a corrected filing receipt that corrects the "Correspondence Address City and State" to Fairfield, CT 06430. A marked-up copy of the filing receipt, copy of our transmittal letter and a copy of the Change of Correspondence Address form are enclosed.

Respectfully submitted,

*Kevin M. Mason*

Date: May 1, 2001

Kevin M. Mason  
Attorney for Applicant(s)  
Reg. No. 36,597  
Ryan, Mason & Lewis, LLP  
1300 Post Road, Suite 205  
Fairfield, CT 06430  
(203) 255-6560



## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
WWW.USPTO.GOV

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/668,242	09/22/2000	2664	1822	Boyce 6-2	4	54	8

CONFIRMATION NO. 9862

## UPDATED FILING RECEIPT



\*000000005940852\*

Kevin M Mason  
Ryan Mason & Lewis LLP  
Suite 205  
1300 Post Road  
Locust Valley, NY 11560

Fairfield, CT 06430

Date Mailed: 04/09/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Jill M. Boyce, Manalapan, NJ;  
Haitao Zheng, Eatontown, NJ;

Domestic Priority data as claimed by applicant

## Foreign Applications

If Required, Foreign Filing License Granted 11/03/2000

Projected Publication Date: N/A

Non-Publication Request: No

Early Publication Request: No

## Title

Complete user datagram protocol (CUDP) for wireless multimedia packet networks using improved packet level forward error correction (FEC) coding

Sent By: RYAN, MASON & LEWIS, LLP;

203 255 6570 ;

Sep-26-02 3:35PM;

Page 5/9

Page 2 of 4

**Preliminary Class**  
**370**

**Data entry by : TEKLEMICHAEL, MULU**

**Team : OIPE**

**Date:** 04/09/2001

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1

Received from < 203 255 6570 > at 9/26/02 3:27:47 PM [Eastern Daylight Time]

**LICENSE FOR FOREIGN FILING UNDER  
Title 35, United States Code, Section 184  
Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 36 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15 (b).

**PLEASE NOTE the following information about the Filing Receipt:**

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 600 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."
- The title is recorded in sentence case.

Any corrections that may need to be done to your Filing Receipt should be directed to:

Sent By: RYAN, MASON & LEWIS, LLP;

203 255 6570 ;

Sep-26-02 3:36PM;

Page 7/9

Page 4 of 4

Assistant Commissioner for Patents  
Office of Initial Patent Examination  
Customer Service Center  
Washington, DC 20231

Received from <203 255 6570 > at 9/26/02 3:27:47 PM [Eastern Daylight Time]

**RYAN, MASON & LEWIS, LLP****ATTORNEYS AT LAW****1300 POST ROAD, SUITE 205****FAIRFIELD, CONNECTICUT 06430**

Telephone: (203) 255-6560

Facsimile: (203) 255-6570

**RECEIVED****OCT 30 2002**

Technology Center 2600

**DATE:** September 26, 2002**FILE:** U.S.S.N. 09/668,242 Boyce 6-2Facsimile Message From: **LINDA M. SHACKLETON**

Please deliver the following pages to:

NAME	COMPANY	FAX NUMBER
	USPTO OIPE Customer Service	703-746-9195

**NUMBER OF PAGES INCLUDING THIS COVER PAGE:9****COMMENTS/INSTRUCTIONS:****SECOND REQUEST**

Please see attached Request for Corrected Filing Receipt.

If you do not receive all of the pages, please call us back as soon as possible at (203) 255-6560.

THIS MESSAGE IS INTENDED FOR THE USE OF THE INDIVIDUAL OR ENTITY TO WHICH IT IS ADDRESSED AND MAY CONTAIN INFORMATION THAT IS PRIVILEGED, CONFIDENTIAL, AND EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. IF THE READER OF THIS MESSAGE IS NOT THE INTENDED RECIPIENT, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING THIS MESSAGE TO THE INTENDED RECIPIENT, YOU ARE HEREBY NOTIFIED THAT ANY DISSEMINATION, DISTRIBUTION OR COPYING OF THIS COMMUNICATION IS STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS COMMUNICATION IN ERROR, PLEASE NOTIFY US IMMEDIATELY BY TELEPHONE AND RETURN THE ORIGINAL MESSAGE TO US AT THE ABOVE ADDRESS VIA U.S. POSTAL SERVICE. THANK YOU.

RECEIVED

OCT 30 2002

Technology Center 2600

Receipt in the USPTO is hereby acknowledged of:

Request for Corrected Filing Receipt - 1 page  
Copy of Filing Receipt - 1 page  
Copy of Missing Parts Transmittal Letter - 1 page  
Copy of Change of Correspondence Address - 1 page

Case Name: Boyce 6-2

1200-456  
Serial No. 09/668,242  
May 1, 2001 KMM







Commissioner for Patents  
Washington, DC 20231  
www.uspto.gov

**FILE COPY**

CONFIRMATION NO. 9862



Bib Data Sheet

<b>SERIAL NUMBER</b> 09/668,242	<b>FILING DATE</b> 09/22/2000 <b>RULE</b>	<b>CLASS</b> 370	<b>GROUP ART UNIT</b> 266T 266 1	<b>ATTORNEY DOCKET NO.</b> Boyce 6-2
<b>APPLICANTS</b> Jill M. Boyce, Manalapan, NJ; Haitao Zheng, Eatontown, NJ;  <b>** CONTINUING DATA *****</b>  <b>** FOREIGN APPLICATIONS *****</b>				
<b>IF REQUIRED, FOREIGN FILING LICENSE GRANTED</b> <b>** 11/03/2000</b>				
Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no 35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance Verified and Acknowledged <input checked="" type="checkbox"/>		<b>STATE OR COUNTRY</b> NJ	<b>SHEETS DRAWING</b> 4	<b>TOTAL CLAIMS</b> 54
Examiner's Signature <u>Ally</u> Initials <u>ml</u>		<b>INDEPENDENT CLAIMS</b> 8		
<b>ADDRESS</b> Kevin M Mason Ryan Mason & Lewis LLP Suite 205 1300 Post Road Fairfield ,CT 06430				
<b>TITLE</b> Complete user datagram protocol (CUDP) for wireless multimedia packet networks using improved packet level forward error correction (FEC) coding				
<b>FILING FEE RECEIVED</b> 1822	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit	